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## Granite State Clean Cities Coalition (GSCCC) April/May 2019 Newsletter

*Hi everyone ~ I want to call your attention to a few important items in this newsletter:*

- **Volkswagen Funding Opportunity: Propane/CNG School Bus Replacement Program – Proposals Due Friday, July 12<sup>th</sup> by 4pm**
- **Next GSCCC Stakeholder Meeting – Friday, June 28<sup>th</sup> – Location: TBD**
- **Bi-state EV Connector Event, co-hosted by GSCCC & VTCCC – September 27<sup>th</sup>, 2019 in Lebanon, NH – Register, Sponsor, Display and Demo Opportunities!**

*Additionally, I participate on the steering committee for the Electric Vehicle (EV) Awareness Campaign "[Drive Change. Drive Electric.](#)" This year we launched our signature program "[Destination Electric](#)" which highlights EV friendly businesses, located near EV charging stations, in select cities in each of the partnering states. Help us spread the word about how great it is to travel around the Northeast by stopping at these participating businesses and snapping a picture for your social media using [#DestinationElectric](#) – even better if you're driving an EV! See what others are saying about our efforts on [Instagram](#), [Facebook](#) and [Twitter](#).*

*If you have any questions, thoughts, or ideas, please reach out. I look forward to hearing from you! ~Jessica*

**\*\*\*IMPORTANT NOTE: PLEASE EMAIL ME DIRECTLY AT:**

[Jessica.Wilcox@des.nh.gov](mailto:Jessica.Wilcox@des.nh.gov) –

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**\*\*\*Funding Application Assistance\*\*\***

**On behalf of the Coalition, I'm here to help answer any questions, assist with project planning and provide support for your applications. Please let me know what you need ... if I can't help, I can connect you with someone who can!**

**\*\*\*VOLKSWAGEN FUNDING OPPORTUNITY\*\*\***

The New Hampshire Office of Strategic Initiatives (OSI), Lead Agency for the Volkswagen Environmental (VW) Mitigation Trust, in association with the Department of Environmental Services, is requesting proposals for a **Propane/CNG School Bus Replacement Program** (Program). The purpose of the Program is to alleviate excess nitrogen oxide emissions caused by the VW violations through implementation of cost-effective projects and to address the additional goals of the State of New Hampshire Beneficiary **Mitigation Plan**. The Program, which will replace diesel school buses with propane or compressed natural gas school buses, is utilizing approximately \$750,000 of VW Environmental Mitigation Trust funding. **Proposals will be accepted until Friday July 12<sup>th</sup>, 2019 at 4:00PM.**

Additional information as well as a draft application is available on the VW page of the OSI website: <https://www.nh.gov/osi/energy/programs/vw-trust-funding.htm>. Any questions can be directed to Tim White at [Timothy.White@des.nh.gov](mailto:Timothy.White@des.nh.gov) or (603) 271-5552.

**An informational webinar about the Program and the application process will be held on Friday June 7<sup>th</sup>, 2019 at 1 PM.** Interested parties may register in advance for the webinar at the following link:  
<https://attendee.gotowebinar.com/register/934406062330775809>.

**FY19 BUSES & BUS FACILITIES PROGRAM**

The Federal Transit Administration announced the availability of \$423.3 million in Fiscal Year 2019 competitive grant funding for transit bus projects – *electric transit buses are an eligible project!* The **Grants for Buses and Bus Facilities Program** makes federal resources available to states and direct recipients to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities, including technological changes or innovations to modify low or no emission vehicles or facilities. Applications are due by 11:59pm EST June 21, 2019.

**2019 BUILD (formerly TIGER)**

The U.S. Department of Transportation announced a Notice of Funding Opportunity to apply for \$900 million in discretionary funding through the **Better Utilizing Investments to Leverage Development (BUILD) Transportation Discretionary Grants program**. These competitive grants are available to almost any public entity for transportation projects. The deadline to submit an application is July 15, 2019.

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**EVENTS CALENDAR:**

**June 5, New Hampton, NH** – The New Hampshire Electric Co-op is hosting a second **EV Cruise Night** at the Route 104 Diner from 3pm-7pm. Electric vehicles and vendors will be on display – come and join the fun!

**June 19, Pembroke, NH** – The NH Chapter of New England Women in Energy and the Environment (NEWIEE) is hosting a Networking Event and Tour of the NG Advantage (A Clean Energy Company) CNG Facility at 10 Cooperative Way from 4:30pm – 6pm (Raindate: June 20<sup>th</sup>, 4:30pm). If you are interested in participating, please RSVP to Muriel Robinette at [Muriel.Robinette@qza.com](mailto:Muriel.Robinette@qza.com).

**August 7-8, Durham, NC** – **Sustainable Fleet Technology Conference & Expo** – Showcasing the latest and greatest technologies in the biofuels, electric, natural gas, and propane arenas. The conference will also have a strong focus on data driven decisions and technologies.

**\*\*\*The Green Fleet Awards™\*\*\*** Open application period for the 12<sup>th</sup> annual sustainability contest. Last year, they had 47 Clean Cities Coalitions represented with applicants. **Applications are accepted until July 2, 2019.** Click here for **information about the contest**. They will announce the top 50 winners of the Green Fleet Awards at in a special *Green Fleet Forum™* pre-conference for the **Sustainable Fleet Technology Conference & Expo**. The winners will also be recognized in **NAFA's FLEETSolutions** publication. If you know someone doing great green work, make sure they apply! More details on the contest are available at: **[http://the100best.com/gf\\_about.htm](http://the100best.com/gf_about.htm)**.

**September 14-22** – **National Drive Electric Week 2019** – National Drive Electric Week is a nationwide celebration to heighten awareness of today's widespread availability of plug-in vehicles and highlight the benefits of all-electric and plug-in hybrid-electric cars, trucks, motorcycles, and more. Interested in organizing or helping with an event? Visit the **events page** for more information. We kick-start the week in **Concord on Saturday, September 14<sup>th</sup> from 8:30 AM – 1 PM at City Plaza on Main Street** (in front of the Arch, adjacent to the Concord Farmer's Market). It's a terrific opportunity to learn about EVs in an informal and informational setting ... you might even get to drive one!

**September 19-20, Keene, NH** – **The Radically Rural Summit** – an annual two-day summit that brings together hundreds of people who are passionate about creating vibrant, robust rural communities and are eager to learn, connect and lead change.

**September 27, Lebanon, NH** – **Bi-State EV Connector Event** - Granite State and Vermont Clean Cities Coalitions are hosting an Electric Vehicle/Electrification Event at Hypertherm in Lebanon, NH, for Fleet Managers, Municipalities and Workplaces. Click on the link above for details, registration link and sponsor-vendor invoice. Interested in Sponsor-Vendor opportunities? We are seeking light-, medium- and heavy-duty, on- and off-road electric vehicles, technology and equipment, including solar and hybrid. In NH, contact Jessica at [Jessica.Wilcox@des.nh.gov](mailto:Jessica.Wilcox@des.nh.gov) or (603) 271-6751. In VT, contact Peggy O'Neill-Vivanco at [poneilly@uvm.edu](mailto:poneilly@uvm.edu) or (802) 656-9123. More to come!

**October 7, 2019, Norwood, MA** - **AltWheels Fleet Day** - This annual event presents the latest in transportation technologies, alternative fuels and fleet management practices. **As a member of the Advisory Committee for this year's event, I'd like to remind everyone that it's never too early to register or become a sponsor. Click this link to access the Reservation Form and this link for the Sponsor Proposal.**

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### Alternative Fuel Corridors: Round 3 Designation

The Fixing America's Surface Transportation Act, or "FAST Act," was signed into public law on December 4<sup>th</sup>, 2015. **Section 1413** of the law calls for the Secretary of Transportation to designate national electric vehicle (EV) charging and hydrogen, propane (LPG), and natural gas (CNG) fueling corridors. The process, designed to aid in identifying the near- and long-term need for, and location of, the charging and fueling infrastructure at strategic locations along major national highways, will improve the mobility of passenger and commercial vehicles that employ alternative fueling technologies across the US.

This corridor designation process allows State and local agencies to nominate alternative fuel corridors and support the installation of **alternative fuels corridor identification signs**. To make a nomination, the nominating agency checks the corridor against the Criteria to determine if it is "Corridor-Ready," meaning that it meets all of the requirements and is ready for signage, or "Corridor-Pending," meaning that it meets some of the requirements, but needs additional infrastructure before it is ready for signage.

#### Infrastructure Coverage Criteria:

<b>Fuel/ Technology</b>	<b>Corridor-Ready<sup>b</sup> NHS Segment has...</b>	<b>Corridor-Pending<sup>c</sup> Segment has...</b>
<b>EV Charging<sup>d</sup></b>	Public DC Fast Charging no greater than 50 miles between one station and the next on corridor, and no greater than 5 miles off the highway	Public DC Fast Charging no greater than 50 miles between one station and the next on corridor, and no greater than 5 miles off the highway
<b>Hydrogen<sup>e</sup></b>	Public hydrogen stations no greater than 100 miles between one station and the next on the corridor, and no greater than 5 miles off the highway	Public hydrogen stations no greater than 100 miles between one station and the next on the corridor, and no greater than 5 miles off the highway
<b>Propane<sup>f</sup></b>	Public, primary propane stations no greater than 150 miles between one station and the next on the corridor, and no greater than 5 miles off the highway	Public, primary propane stations no greater than 150 miles between one station and the next on the corridor, and no greater than 5 miles off the highway
<b>CNG</b>	Public fast fill, 3,600 psi CNG stations no greater than 150 miles between one station and the next on the corridor, and no greater than 5 miles off the highway	Public fast fill, 3,600 psi CNG stations no greater than 150 miles between one station and the next on the corridor, and no greater than 5 miles off the highway

	the highway	
<b>LNG</b>	Public LNG stations no greater than 200 miles between one station and the next on the corridor, and no greater than 5 miles off the highway	Public LNG stations separated by more than 200 miles

In 2016, the Federal Highway Administration (FHWA) approved a regional nomination including NH **Interstate 93** and **Interstate 95** as *EV Ready* Corridors and **Interstate 89** as an *EV Pending* Corridor. This year, the New Hampshire Department of Environmental Services and Granite State Clean Cities Coalition, with support from the NH Department of Transportation, submitted a nomination for nine corridors:

- **Interstate 93**
  - LPG Ready from the Massachusetts State Line to Interstate 89 in Concord
  - LPG Pending from Interstate 89 in Concord to the Vermont State Line
  - CNG Ready from the Massachusetts State Line to Interstate 89 in Concord
  - CNG Pending from Interstate 89 in Concord to the Vermont State Line
- **F.E. Everett Turnpike** (The Central Turnpike)
  - EV Ready from the Massachusetts State Line to Interstate 293 in Bedford
  - CNG Ready from the Massachusetts State Line to Interstate 89 in Concord
- **Spaulding Turnpike/NH 16**
  - EV Pending from Interstate 95 in Portsmouth to the Maine State Line
- **NH 11**
  - EV Pending from Interstate 89 to the Vermont State Line
- **NH 101**
  - EV Pending from Interstate 95 in Hampton to NH 9 in Keene
- **U.S. 2**
  - EV Ready from the Vermont State Line to Lancaster
  - EV Pending from Lancaster to the Maine State Line
- **U.S. 3**
  - EV Pending from U.S. 2 to the Canadian Border
- **U.S. 4/NH 9**
  - U.S. 4 EV Pending from NH 16 in Dover to Interstate 393 in Concord
  - NH 9 EV Pending from Interstate 89 in Hopkinton to the Vermont State Line
- **U.S. 302**
  - EV Pending from Interstate 93 to the Maine State Line

New Hampshire's nomination has been approved and the corridors have officially

been designated. You can view the corridor maps at the links below:

Corridor-Ready Alternative Fuel Corridors (2018-Round 3):

[https://www.fhwa.dot.gov/environment/alternative\\_fuel\\_corridors/ready/](https://www.fhwa.dot.gov/environment/alternative_fuel_corridors/ready/)

Corridor-Pending Alternative Fuel Corridors (2018-Round 3):

[https://www.fhwa.dot.gov/environment/alternative\\_fuel\\_corridors/pending/](https://www.fhwa.dot.gov/environment/alternative_fuel_corridors/pending/)

With the designation of alternative fuel corridors, FHWA is establishing a national network of alternative fueling and charging infrastructure along national highway system corridors. However, they and we can't do this alone ... that's where you/our Coalition comes in to play. We are working to fill the gaps of our "pending" corridors and encouraging the development of signage packages for our "ready" corridors to facilitate alternative fuel vehicle travel through our state.

Are you planning an alternative fueling station project? Check out the [\*\*Alternative Fuel Vehicle Toolkit\*\*](#) and contact your Clean Cities Coordinator for additional resources.

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### **Alternative Fuel Spotlight: "Year-round Appreciation with NOx-reducing Propane Buses"**

Todd Mouw, Vice President of sales and marketing for ROUSH CleanTech, recently shared the following article:

"Each spring, students, parents and communities celebrate Teacher Appreciation Week. Let's thank all of the teachers who work tirelessly to educate and nurture our kids. Teachers deserve more than a week of praise and thanks, as this is one of the most undervalued professions in the country today.

One way that to thank them throughout the year is by cleaning up the air around their schools and community. School districts can do this by replacing their aging diesel buses with cleaner-burning ones, like those fueled by propane autogas. In fact, if every school district replaced older, dirtier diesel school buses with propane autogas buses, the associated cost savings from fuel and maintenance would allow the nation to hire an additional 23,000 teachers, which represents a significant chunk of the currently estimated 100,000 teacher shortfall.

And, now there are even more nitrogen oxide-reducing choices. Recently, ROUSH CleanTech developed the first-ever high-volume production CNG Type-C school bus engine certified to California Air Resources Board's optional low NOx emissions standard of 0.02 grams per brake horsepower-hour (g/bhp-hr). Like the company's ultra-low NOx propane engines, these CNG engines are 90 percent cleaner than the Environmental Protection Agency's most stringent heavy-duty engine standard of 0.2 g/bhp-hr.

Why all the hype around decreasing NOx emissions? They are a group of gases known to contribute to acid rain, smog and other air quality issues. According to the EPA, exposure to NOx exhaust can cause negative health effects, including eye, nose, throat and lung irritations, headaches and fatigue.

Want to learn more about alternative-fuel school buses and their impact on school

districts? Read more in a recent case study, [\*\*The Total Cost of Ownership for Propane School Buses\*\*](#).

To learn more about ROUSH CleanTech's alternative-fuel vehicle technology that powers school buses and Ford commercial vehicles, please visit [\*\*www.roushcleantech.com\*\*](http://www.roushcleantech.com). "

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**You might also be interested in ...**

[\*\*Biomethane Becoming the Hallmark Renewable Transportation Fuel\*\*](#)

[\*\*Connectivity Improves Fleet Efficiency\*\*](#)

[\*\*Hydrogen Fuel Cell Electric Buses: The Other Electric Bus\*\*](#)

[\*\*US Clean Energy Jobs Grow 3.6% to Nearly 3.3 Million\*\*](#)

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**Social Media Appeal:** Are you on Facebook? Interested in what the Coalition has to say this week? Join the alt fuel/advanced tech vehicle conversation, visit our [\*\*Facebook page\*\*](#) and click the link to "LIKE" us – 216 likes and counting!

**Help us grow our following by:**

1. **"Liking" our page from your Facebook account.**
2. **If you think you've liked the page already, double-check – Did you know that "like" and "follow" are NOT the same thing? Some of you may have "followed" the page but still need to hit that thumbs-up button.**
3. **On our page, click on the "Invite Friends" button on the right-hand side. You'd be surprised how many people will like us with just that little nudge!**
4. **... *and share our posts!***

You can also follow GSCCC on **Twitter** ([\*\*@GS Clean Cities\*\*](#)). If you have any questions or suggestions for content, please contact GSCCC at [\*\*Jessica.Wilcox@des.nh.gov\*\*](mailto:Jessica.Wilcox@des.nh.gov).

***Thank you for reading – if there's something you'd like to see, say or share, drop me a line: [\*\*Jessica.Wilcox@des.nh.gov\*\*](mailto:Jessica.Wilcox@des.nh.gov)***

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